# WIRELESS MULTI-USER MULTI-PROJECTOR PRESENTATION SYSTEM

## ABSTRACT OF THE DISCLOSURE

Media slides are often employed in conference sessions, meetings, lectures, and other interactive forums. The proliferation of laptops and handheld computers allows a
5  speaker to present directly from the laptop by connecting to the projector at the conference site. Physically connecting and disconnecting each presenter's laptop to the projection apparatus, however, can be a clumsy and disruptive process, particularly since the presenters may be seated at various locations around the room. A wireless interface between a presentation server and a laptop in a multi-user multi-projector
10  presentation system allows a media sequence from each media source to be displayed on a common display via the presentation server and the wireless interface. Presenters need not run or swap cables or other physical connections to switch media sources to the common display. The interface requires no software modification to the media source laptops and maintains independence between media sources and the server for security.
15  The presentation server communicates with the media sources over the mouse port allowing innovative user interfaces, such as gesture recognition, to be employed for presentation control without additional software. Multiple projectors redundantly illuminate the display surface, dynamically eliminating shadows and other display artifacts when presenters walk between a projector and the screen. Distracting projected
20  light cast on to the occluding presenters is automatically suppressed.